

02126000 ROCKY RIVER NEAR NORWOOD, NC

LOCATION.--Lat 35°08'56", long 80°10'33", Stanly County, Hydrologic Unit 03040105, on left bank 1,000 ft downstream of Lanes Creek, 1.5 mi upstream from bridge on Secondary Road 1935, 6 mi southwest of Norwood, and 11.2 mi upstream from mouth.

DRAINAGE AREA.--1,372 mi<sup>2</sup>.

PERIOD OF RECORD.--October 1929 to current year.

REVISED RECORDS.--WSP 852: 1937. WSP 1052: 1936(M). WSP 1503: 1935, 1945. WDR NC-80-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 212.91 ft above NGVD of 1929 (levels by U.S. Army Corps of Engineers). Satellite telemetry at station.

REMARKS.--Records good except those for estimated daily discharges, which are poor. Maximum gage height for period of record, from floodmark.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood in August 1908 reached a stage of 35 ft, from information by local residents; discharge, 67,600 ft<sup>3</sup>/s.

DISCHARGE, CUBIC FEET PER SECOND  
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005  
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2,210	317	667	381	868	8,150	3,400	520	221	1,010	4,840	142
2	1,930	302	609	370	651	2,850	2,180	602	6,270	3,350	1,190	146
3	2,380	291	554	360	1,140	1,650	1,730	487	5,460	1,040	641	124
4	3,150	353	497	355	4,440	1,240	1,350	403	1,120	1,080	468	107
5	1,760	1,670	455	358	1,840	1,050	1,110	370	632	2,500	383	96
6	1,150	972	429	352	1,150	920	975	366	446	904	331	87
7	969	609	525	351	907	828	912	371	390	529	289	86
8	872	485	770	347	793	1,490	947	354	1,590	1,990	262	89
9	796	419	599	333	724	3,180	1,220	320	1,320	854	273	89
10	748	378	3,770	323	684	1,560	1,240	305	1,050	471	684	87
11	656	357	5,300	321	637	1,150	883	311	1,210	344	560	81
12	629	358	2,260	320	595	990	799	349	655	287	436	77
13	1,570	757	1,260	317	536	861	5,000	403	429	303	317	72
14	1,510	797	930	8,530	526	779	9,930	400	352	274	269	76
15	770	530	752	5,880	822	788	4,980	325	304	e240	527	80
16	581	446	690	1,860	874	1,980	2,080	290	264	215	428	78
17	418	416	598	1,200	805	11,100	1,400	287	e232	195	289	84
18	369	400	543	924	919	5,120	1,120	266	199	176	286	86
19	355	386	526	760	665	2,290	964	247	180	212	758	112
20	348	375	483	689	578	1,550	867	305	174	294	618	91
21	345	361	497	663	610	1,250	785	418	190	202	330	80
22	333	347	477	626	1,420	1,070	703	394	178	234	239	80
23	311	396	462	588	1,210	1,440	653	289	165	422	256	83
24	308	685	807	543	1,240	3,120	665	259	154	336	578	81
25	307	929	739	519	2,860	1,550	600	242	144	205	657	73
26	314	953	546	491	1,530	1,150	561	232	136	154	343	72
27	301	612	480	487	1,070	998	532	216	130	137	241	68
28	324	1,020	436	452	8,740	9,470	491	200	3,740	124	187	72
29	420	1,310	406	419	---	10,400	470	193	4,110	345	170	75
30	419	834	401	501	---	3,300	451	190	801	1,020	153	80
31	358	---	394	926	---	2,030	---	192	---	4,460	149	---
TOTAL	26,911	18,065	27,862	30,546	38,834	85,304	48,998	10,106	32,246	23,907	17,152	2,654
MEAN	868	602	899	985	1,387	2,752	1,633	326	1,075	771	553	88.5
MAX	3,150	1,670	5,300	8,530	8,740	11,100	9,930	602	6,270	4,460	4,840	146
MIN	301	291	394	317	526	779	451	190	130	124	149	68
CFSM	0.63	0.44	0.66	0.72	1.01	2.01	1.19	0.24	0.78	0.56	0.40	0.06
IN.	0.73	0.49	0.76	0.83	1.05	2.31	1.33	0.27	0.87	0.65	0.47	0.07

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1930 - 2005, BY WATER YEAR (WY)

MEAN	881	782	1,271	2,386	2,706	2,718	1,764	845	716	767	736	720
MAX	6,837	4,763	4,564	7,458	7,922	7,674	7,097	4,606	4,519	3,479	2,917	8,262
(WY)	(1991)	(1949)	(1933)	(1998)	(1960)	(1993)	(1936)	(2003)	(2003)	(1997)	(1967)	(1945)
MIN	45.9	54.1	105	152	321	412	234	140	88.5	95.6	82.4	41.0
(WY)	(1931)	(1942)	(1934)	(1934)	(1938)	(1981)	(1967)	(2002)	(1986)	(1986)	(1957)	(1954)

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SUMMARY STATISTICS	FOR 2004 CALENDAR YEAR		FOR 2005 WATER YEAR		WATER YEARS 1930 - 2005	
ANNUAL TOTAL	391,074		362,585		1,352	
ANNUAL MEAN	1,069		993		3,127	
HIGHEST ANNUAL MEAN					406	
LOWEST ANNUAL MEAN					2002	
HIGHEST DAILY MEAN	39,700	Sep 8	11,100	Mar 17	85,600	Sep 18, 1945
LOWEST DAILY MEAN	92	Jul 27	68	Sep 27	19	Oct 28, 1931
ANNUAL SEVEN-DAY MINIMUM	118	May 31	74	Sep 24	26	Oct 7, 1954
MAXIMUM PEAK FLOW			17,800	Mar 28	105,000	Sep 18, 1945
MAXIMUM PEAK STAGE			14.14	Mar 28	46.37*	Sep 18, 1945
INSTANTANEOUS LOW FLOW			63	Sep 27	17	Oct 8, 1954
ANNUAL RUNOFF (CFSM)	0.779		0.724		0.985	
ANNUAL RUNOFF (INCHES)	10.60		9.83		13.38	
10 PERCENT EXCEEDS	1,500		2,010		2,940	
50 PERCENT EXCEEDS	408		501		402	
90 PERCENT EXCEEDS	148		151		105	

\* See REMARKS.

e Estimated.

